PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Number		10711112	
Filing Date	:	2004-08-24	
First Named Inventor Gallov		oway	
Art Unit		3711	
Examiner Name	'.	/Sebastiano Passaniti/	
Attorney Docket Numb	er	PU2000	
	Filing Date First Named Inventor Art Unit Examiner Name	Filing Date First Named Inventor Gallow Art Unit Examiner Name	Filing Date 2004-08-24 First Named Inventor Galloway Art Unit 3711 Examiner Name /Sebastiano Passaniti/

	U.S.PATENTS							
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
SP	1	5009425		1991-04-23	Okumoto et al.			
SP	2	5190290		1993-03-02	Take			
SP	3	5228694		1993-07-20	Okumoto			
SP	4	5242168		1993-09-07	Aizawa			
SP	5	5262118		1993-11-16	Fukushima et al.			
SP	6	5318296		1994-06-07	Adams et al.			
SP	7	5350556		1994-09-27	Abe			
SP	8	5377986		1995-01-03	Viollaz et al.			

Application Number	10711112
Filing Date	2004-08-24
First Named Inventor	Galloway
Art Unit	3711
Examiner Name	/Sebastiano Passaniti/
Attorney Docket Numb	per PU2000

SP	9	5429365	1995-07-04	McKeighton	
SP	10	5485998	1996-01-23	Kobayashi	
SP	11	5489098	1996-02-06	Gojny et al.	
SP	12	5501459	1996-03-26	Endo ·	
SP	13	5533728	1996-07-09	Pehoski	
SP	14	5547427	1996-08-20	Rigal et al.	
SP	15	5593356	 1997-01-14	Takeda	
SP	16	5658207	1997-08-19	Aizawa et al.	
SP	17	5672120	1997-09-30	Ramirez	
SP	18	5674133	1997-10-07	Chang	
SP	19	5779560	1998-07-14	Buck	

Application Number	10711112
Filing Date	2004-08-24
First Named Inventor	Galloway
Art Unit	3711
Examiner Name	/Sebastiano Passaniti/
Attorney Docket Numb	per PH2000

SP	20	5985197	1999-11-16	Nelson et al.	
SP	21	5989134	1999-11-23	Antonious	
SP	22	3941390	1976-03-02	Hussey	
SP	23	4575447	1986-03-11	Hariguchi	
SP	24	5971867	1999-10-26	Galy	
SP	25	6102813	2000-08-15	Dill .	
SP	26	6123627	2000-09-26	Antonious	
SP	27	6290609	2001-09-18	Takeda	
SP	28	6332848	2001-12-25	Long et al.	
SP	29	6386990	2002-05-14	Reyes et al.	
	30				

Application Number		10711112			
Filing Date		2004-08-24			
First Named Inventor	Gallo	way			
Art Unit		3711			
Examiner Name					
Attorney Docket Number		PU2000	*		

If you wis	If you wish to add additional U.S. Patent citation information please click the Add button.										
	U.S.PATENT APPLICATION PUBLICATIONS Remove										
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	ition	Name of Patentee or Applicant of cited Document		Releva	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1				***************************************						
If you wis	h to a	dd additional U.S. Pub	lished Ap	plication	citation	n information p	please click the Add	d buttor	n. Add		
				FOREIC	ON PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patentee Applicant of cited Document	e or	Pages,Colu where Rele Passages o Figures App	vant r Relevant	T 5
	1										
If you wis	h to ac	dd additional Foreign	Patent Do	cument	citation	information pl	ease click the Add	button	Add		
			NON	I-PATEN	NT LITE	RATURE DO	CUMENTS		Remove		
Examiner Initials*	Cite No	Include name of the (book, magazine, jou publisher, city and/or	ırnal, seria	al, symp	osium,	catalog, etc), o					T 5
	1										
If you wisl	h to ac	ı dd additional non-pate	nt literatu	re docur	nent cit	ation informati	ion please click the	Add b	utton Add		
EXAMINER SIGNATURE											
Examiner	Examiner Signature /Sebastiano Passaniti/ Date Considered 09/15/2006								,		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.											
Standard ST 4 Kind of doo	See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.										

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number	10711112		
INFORMATION DIGGL COLUMN	Filing Date	2004-08-24		
INFORMATION DISCLOSURE	First Named Inventor Ga	illoway		
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit	3711		
(Not 101 Submission under 07 01 it 1.00)	Examiner Name	/Sebastiano Passaniti/		
	Attorney Docket Number	PU2000		

			Remove			
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
SP	1	1574213		1926-02-23	Tyler	\.
SP	2	2203893		1940-06-11	Chapman	
SP	3	2705147		1955-03-29	Winter	
SP	4	3191936		1965-06-29	Guier	
SP	5	3640534		1972-02-08	Mills	
SP	6	3819181		1974-06-25	Mills	
SP	7	4624460		1986-11-25	Murase et al.	
SP	8	4630827		1986-12-23	Yoneyama	

Application Number	10711112
Filing Date	2004-08-24
First Named Inventor	Galloway
Art Unit	3711
Examiner Name	/Sebastiano Passaniti/
Attorney Docket Numb	er PU2000

SP	9	4632400	1986-12-30	Boone	
SP	10	4667963	1987-05-26	Yoneyama	
SP	11	4699383	1987-10-13	Kobayashi	
SP	12	4874171	1989-10-17	Ezaki et al.	
SP	13	5000454	1991-03-19	Soda	
SP	14	5282624	 1994-02-01	Viste	
SP	15	3815921	1974-06-11	Turner	
SP	16	4332388	1982-06-01	Crow	
SP	17	4489945	1984-12-25	Kobayashi	
SP	18	5213329	1993-05-25	Okumoto et al.	
SP	19	5090702	1992-02-25	Viste	

Application Number	10711112	
Filing Date	2004-08-24	
First Named Inventor	Galloway	
Art Unit	3711	
Examiner Name	/Sebastiano Passaniti/	
Attorney Docket Numb	er PU2000	

	·					
SP	20	5351958	199	4-10-04	Helmstetter	
SP	21	5601501	199	7-02-11	Kobayashi	
SP	22	5700208	199	7-12-23	Nelms	
SP	23	5704850	199	8-01-06	Shieh	
SP	24	1505296	192	4-08-19	Smith	
SP	25	3997170	197	6-12-14	Goldberg	
SP	26	4065133	197	7-12-27	Gordos	
SP	27	4141559	197	9-02-27	Melvin	
SP	28	4681323	198	7-07-21	Alaki	
SP	29	5092599	199	2-03-03	Aoyama	
SP	30	5221086	199	3-06-22	Antonious	

Application Number		10711112	
Filing Date		2004-08-24	
First Named Inventor	Gallo	oway	
Art Unit		3711	_
Examiner Name		/Sebastiano Passaniti/	
Attorney Docket Numb	er	PU2000	

		<u></u>			
SP	31	5419556	1995-05-30	Take	
SP	32	5467989	1995-11-21	Good	
SP	33	1222770	1917-04-17	Kaye	
SP	34	1594850	1926-08-03	Perkins	
SP	35	1841062	1932-01-12	Schavoir	
SP	36	3519271	1970-07-07	Smith	
SP	37	3985363	1976-10-12	Jepson .	
SP	38	4511147	1985-04-16	Olsen	
SP	39	4927144	1990-05-22	Stormon	
SP	40	5332223	1994-07-26	Johnson	
SP	41	5435551	1995-07-25	Chen	

Examiner Name	/Sebastiano Passaniti/
Art Unit	3711
First Named Inventor	Galloway
Filing Date	2004-08-24
Application Number	10711112

SP	42	5447307		1995-09-05	Antonious	
SP	43	5584770		1996-12-17	Jensen	
SP	44	5735755		1998-04-07	Kobayashi	
SP	45	1658581		1928-02-07	Tobia	
SP	46	3810621		1974-05-14	Mills	
SP	47	4496153		1985-01-29	Kochevar	
SP	48	4502687		1985-03-15	Kochevar	
SP	49	4778722		1988-10-18	Yamamura et al.	
SP	50	4793616		1988-12-27	Fernandez	
If you wis	h to ac	dd additional U.S. Paten			ease click the Add button.	Add
			U.S.P	ATENT APPLI	CATION PUBLICATIONS	Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear

				Applic	ation N	umber		10711112			
				Filing	Date			2004-08-24			
		TION DISCLOS		First N	Named	Inventor	Gal	loway			
		NT BY APPLICA		Art Ur	nit			3711			
(NOLIOF:	Submi	ission under 37 CFR	1.99)	Exam	iner Na	me	-	_	-		
				Attorn	ey Doc	ket Numb	er	PU2000			
				!	•				 .		
		T				<u> </u>					
	1										
If you wis	h to a	⊥dd additional U.S. Publ	 ished Ap	plication	citation	l n information	on pl	 lease click the Add butt	on Add	1	
						ENT DOC			Remove	<u>, </u>	
								Name of Patentee or	Pages,Co	olumns,Lines	
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	•	Kind Code4	Publicatio	יח חי	Applicant of cited	where Re	levant or Relevant	T5
a.		Trumber	Code-	•	Code	Date		Document	Figures A		
										•	
	1										
If you wisl	h to ac	dd additional Foreign P	atent Do	cument	citation	informatio	n ple	ease click the Add butto	n Add		
-			NON	I-PATE	NT LITE	RATURE	DOC	CUMENTS	Remove		:
Examiner	Cite							he article (when approp			1
Initials*	No	publisher, city and/or					c), a	ate, pages(s), volume-i	ssue numb	∍r (s),	T 5
	1					•					
If you wis	h to ac	dd additional non-pater	nt literatu	re docui	ment cit	ation infor	natio	on please click the Add	button A	dd	
				EX	AMINE	R SIGNAT	URE	•			
Examiner	Signa	ature /Sebasti	ano Pa	ssanit	:i/		•	Date Considered	09/	15/2006	-
								rmance with MPEP 609			
Standard ST	Γ. 3). ³ F	For Japanese patent docume	ents, the inc	dication of	the year	of the reign o	f the I	office that issued the docum Emperor must precede the se lard ST.16 if possible. 5 Appl	erial number of	f the patent docu	ument.

English language translation is attached.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number	10711112
	Filing Date	2006-03-15
INFORMATION DISCLOSURE	First Named Inventor	Galloway
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit	3711
(Not for Submission under 57 Of K 1.55)	Examiner Name	/Sebastiano Passaniti/
	Attorney Docket Number	er PU2000

		· · · · · · · · · · · · · · · · · · ·		U.S.	PATENTS	Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
SP	1	1968092		1934-07-31	Oldham	
SP	2 ·	4313607		1982-02-02	Thompson	
SP	3	2171383		1939-08-29	Wettlaufer	
SP	4	3266805		1966-08-16	Bulla	
SP	5	4021047		1977-05-03	Mader	
SP	6	4214754		1980-07-29	Zebelean	
SP	7	4432549		1984-02-21	Zebelean	
SP	8	4438931		1984-03-27	Motomiya	

Application Number	10711112
Filing Date	2006-03-15
First Named Inventor	Galloway
Art Unit	3711
Examiner Name	/Sebastiano Passaniti/
Attorney Docket Numb	per PU2000

SP	9	4545580	1985-10-08	Tomita et al.	
SP	10	4762322	1988-08-09	Molitor et al.	
SP	11	4811949	1989-03-14	Kobayashi	
SP	12	4824110	1989-04-25	Kobayashi	
SP	13	4872685	1989-10-10	Sun	
SP	14	4026561	1977-05-31	Baldorossi	
SP	15	4511145	1985-04-16	Schmidt	
SP	16	5004241	1991-04-02	Antonious	
SP	17	5028049	1991-07-02	McKeighen	
SP	18	5042806	1991-08-27	Helmstetter	
SP	19	5056705	1991-10-15	Wakita et al.	

Application Number	10711112
Filing Date	2006-03-15
First Named Inventor	Galloway
Art Unit	3711
Examiner Name	/Sebastiano Passaniti/
Attorney Docket Numb	er PU2000

r	·	· · · · · · · · · · · · · · · · · · ·			
SP	20	5060951	1991-10-29	Allen	
SP	21	5067715	1991-11-26	Schmidt et al	
SP	22	5154425	1992-10-13	Niskanen et al.	
SP	23	2754785	1956-07-17	Zatko	
SP	24	3066631	1962-12-04	Geary	
SP	25	4876876	1989-10-31	Ishida et al.	
SP	26	4901552	1990-02-20	Ginty	
SP	27	1582836	1926-04-27	Link	
SP	28	4429879	1984-02-07	Schmidt	
SP	29	4444392	1984-04-24	Duclos	
SP	30	4516778	1985-05-14	Cleveland	

Application Number	10711112
Filing Date	2006-03-15
First Named Inventor	Galloway
Art Unit	3711
Examiner Name	/Sebastiano Passaniti/
Attorney Docket Numb	per PU2000

SP	31	4602787		1986-07-29	Sugioka	
SP	32	4681321		1987-07-21	Chen	
SP	33	5094383		1992-03-10	Anderson	
SP	34	5232224		1993-08-03	Zeider	
SP	35	5244211		1993-09-14	Lukasiewicz	
SP	36	1250301		1917-12-18	Goodrich	
SP	37	1559299		1925-10-27	Barach	
SP	38	1575364		1926-03-02	Hodgkins	
SP	39	3212783		1965-10-19	Bradley	
SP	40	4023802		1977-05-17	Jepson	
SP	41	4121832		1978-10-24	Ebbing	
	<u> </u>	L	<u> </u>			Í

Application Number	10	711112				
Filing Date		2006-03-15				
First Named Inventor Gallo						
Art Unit		3711				
Examiner Name		/Sebastiano Passaniti/				
Attorney Docket Number		J2000				

						•			
SP	42	5149091		1992-09-22	Okumoto				
SP	43	5346217		1994-09-13	Tsuchiya				
SP	44	4314863		1982-02-09	McCormick				
SP	45	4749197		1988-06-07	Orlowski				
SP	46	4854580		1989-08-08	Kobayashi				
SP	47	5089067		1992-02-18	Schumacher	,			
SP	48	5255918		1993-10-26	Anderson				
SP	49	5322206		1994-06-21	Harada				
SP	50	1249127		1917-12-04	Lard				
If you wish to add additional U.S. Patent citation information please click the Add button.									
	U.S.PATENT APPLICATION PUBLICATIONS Remove								
Examiner Initial*	Examiner nitial* Cite No Publication Number Kind Publication Name of Patentee or Applicant Of cited Document						Columns,Lines where nt Passages or Relevant s Appear		

			<u>-</u>		Applic	ation N	umher		10711112			.,.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)					Filing		ullibei		2006-03-15				
					First Named Inventor Gallow								
									3711		. =	-	
					Examiner Name				1 3/11			· ·	
									PU2000				
					Attorn	ey Doc	Ket Numb		P02000	P02000 			
			·										
	1												
•					_								
If you wisl	h to a	dd additional U.S.	Publis	hed App	olication	citation	n informati	on ple	ease click the Add	buttor		· -	
					FOREIC	3N PAT	ENT DOC	UME	NTS		Remove		
Examiner Initial*	Cite No	Foreign Docume Number ³		Country Code ² i		Kind Code ⁴	Publication Date	on A	Name of Patentee or Applicant of cited Document		Pages,Columns,Line where Relevant Passages or Releva Figures Appear		T 5
	1												
If you wis	h to ac	dd additional Fore	ign Pa	tent Doo	ument	citation	informatio	n plea	ase click the Add	button	Add		
				NON	-PATEN	IT LITE	RATURE	DOC	UMENTS		Remove		•
Examiner Initials* Cite No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.										tem	T 5		
	1											į	
If you wisl	n to ac	dd additional non-	patent	literatur	e docur	nent cit	ation infor	matior	n please click the	Add b	utton Add		
				1 8 1	EX	AMINE	R SIGNAT	URE					
Examiner Signature /Sebastiano Pa				assan:	iti/			Date Consider	red	09/15/2	006		
		itial if reference co										gh a	·

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if

English language translation is attached.